

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (Previously presented): A wireless headphone apparatus, comprising:

a plurality of light signal receiving units, each for receiving a light signal to produce an electric signal having a signal level;

a plurality of light signal limiting units respectively connected with said plurality of light signal receiving units in one to one relationship, each of said light signal limiting units operative to allow only an electric signal having a signal level lower than a predetermined threshold value to pass therethrough and delete an electric signal having a signal level equal to or greater than said predetermined threshold value;

a signal synthesizing unit for synthesizing said electric signals passed through said light signal limiting units to produce a synthesized electric signal; and

speaker means for outputting a sound in response to said synthesized electric signal.

Claim 2 (Original): A wireless headphone apparatus as set forth in claim 1, in which

said light signal receiving units are constituted by at least two light signal receiving units.

Claim 3 (Previously presented): A wireless headphone apparatus as set forth in claim 1, in which

said speaker means is constituted by a right speaker and a left speaker.

Claim 4 (Currently amended): A wireless headphone apparatus as set forth in claim ~~[[1]]~~3, in which

said light signal receiving units are placed in the vicinity of said right speaker and said left speaker.

Claim 5 (Original): A wireless headphone apparatus as set forth in claim 1, in which

speaker means is further constituted by a right speaker, a left speaker, and a housing having a first axis passing through said right speaker and said left speaker,

at least one of said light signal receiving units is placed on a second axis substantially perpendicular to said first axis and passing through a middle point of said first axis in

equidistantly spaced relationship with said right speaker and said left speaker.

Claim 6 (Currently amended): A wireless headphone apparatus as set forth in claim 1, in which

said speaker means is further constituted by a right speaker, a left speaker, and a housing having a first axis passing through said right speaker and said left speaker, and a second axis substantially perpendicular to said first axis and passing through a middle point of said first axis in equidistantly spaced relationship with said right speaker and said left speaker,

said light signal receiving units are opposing to each other across a ~~plain~~plane passing through said first axis and said second axis.

Claim 7 (Currently amended): A wireless headphone system, comprising:

a light signal emitting apparatus for emitting a light signal; and

a wireless headphone apparatus as set forth in ~~claim~~any one of claims 1 to 6, and in which

each of said plurality of light signal receiving units of said wireless headphone apparatus is operative to receive said light signal emitted by said light signal emitting apparatus.

Claim 8 (Original): A wireless headphone system as set forth in claim 7, in which

said light signal emitting apparatus is provided in a vehicle, and

each of said light signal receiving units of said wireless headphone apparatus is operative to receive said light signal emitted by said light signal emitting apparatus in the vehicle.

Claim 9 (Original): A wireless headphone system as set forth in claim 8, in which

said light signal emitting apparatus is provided on a ceiling of the vehicle.